

205522US-2



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Makoto NAGAI et al.

: GROUP ART UNIT: NOT ASSIGNED

SERIAL NO: 09/822,344

FILED: April 2, 2001

FOR: A DRIVING METHOD FOR...

LETTER TO THE OFFICIAL DRAFTSMAN

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

In response to the Notice to File Missing Parts of Nonprovisional Application, attached hereto please find 27 sheets of Substitute Formal Drawings. It is requested that the enclosed 27 sheets of Substitute Formal Drawings be entered to replace the drawings previously filed in this application.

Respectfully submitted,

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MAIER & NEUSTADT, P.C.

Marvin J. Spivak
Registration No: 24,913
Attorney of Record



22850

Joseph A. Scafetta, Jr.
Registration No. 26,803

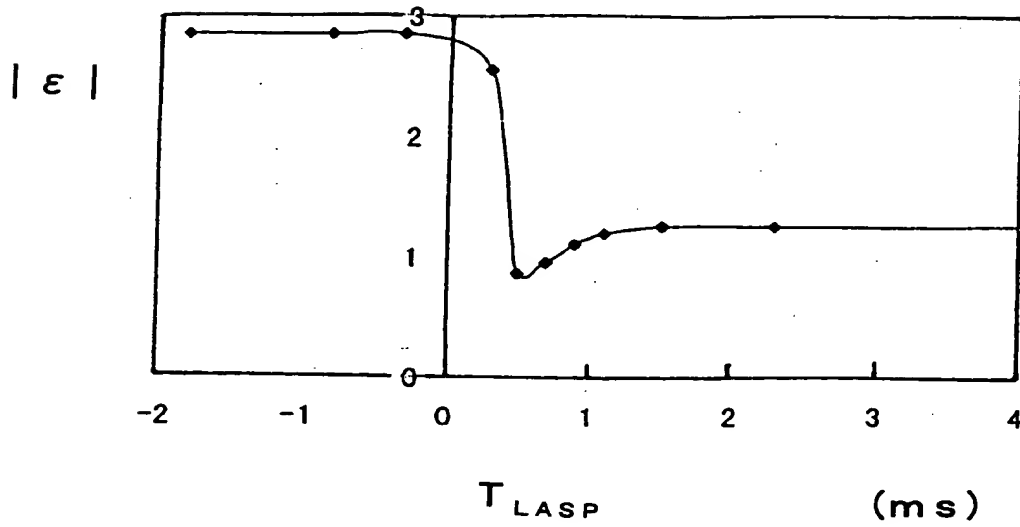
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Fax: (703) 412-2220

MJS/aes

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Fig. 1



* "0 ms" : At Power Off State

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Fig. 2

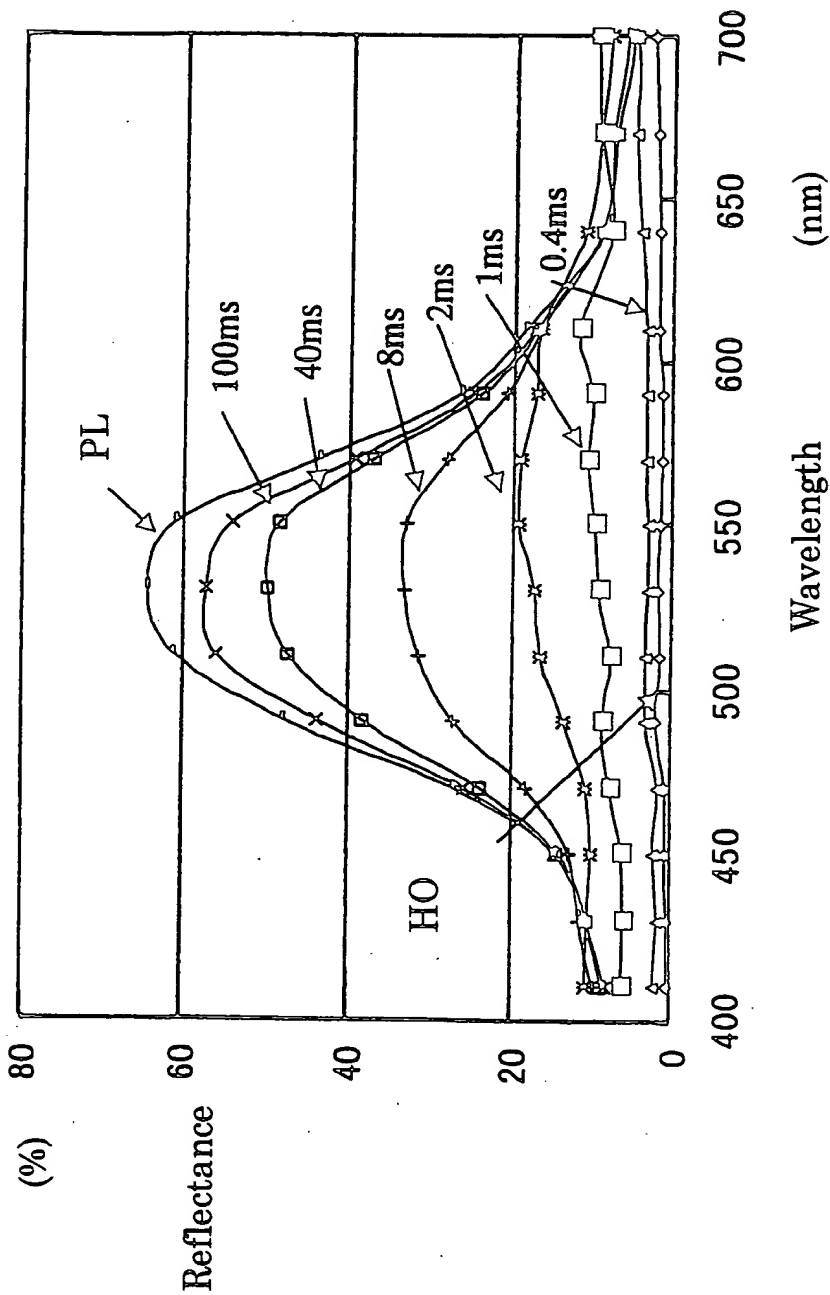


Fig. 3

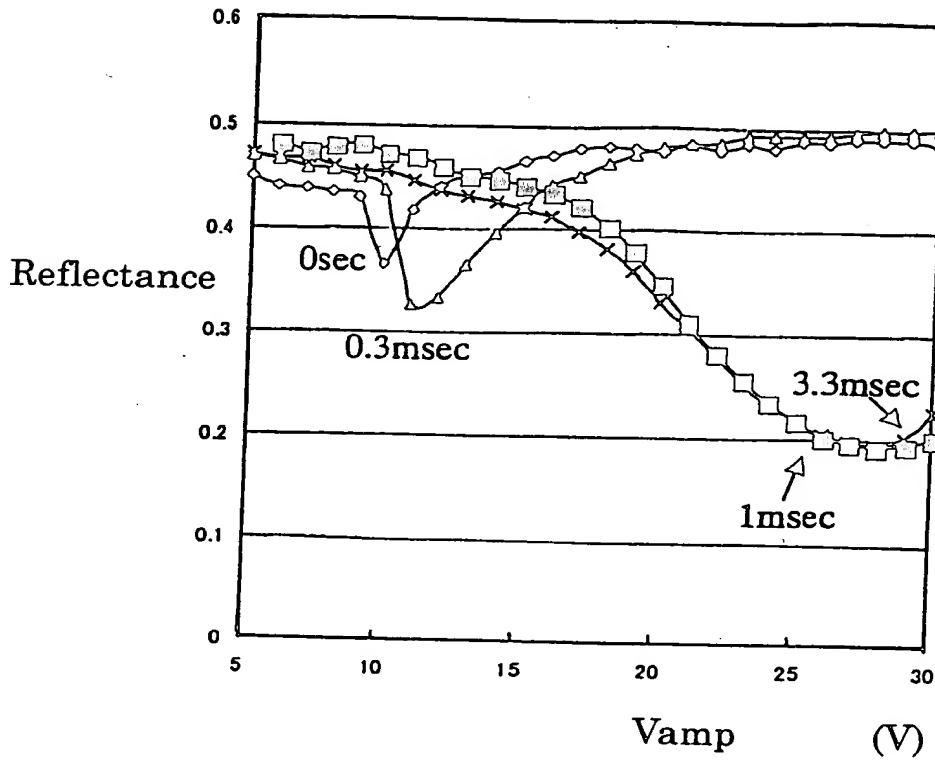


Fig. 4

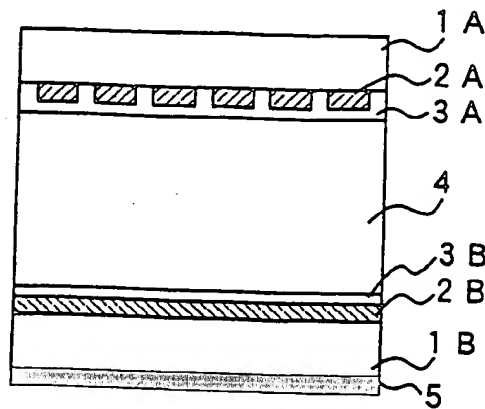


Fig. 5

T-pulse=13.2 ms

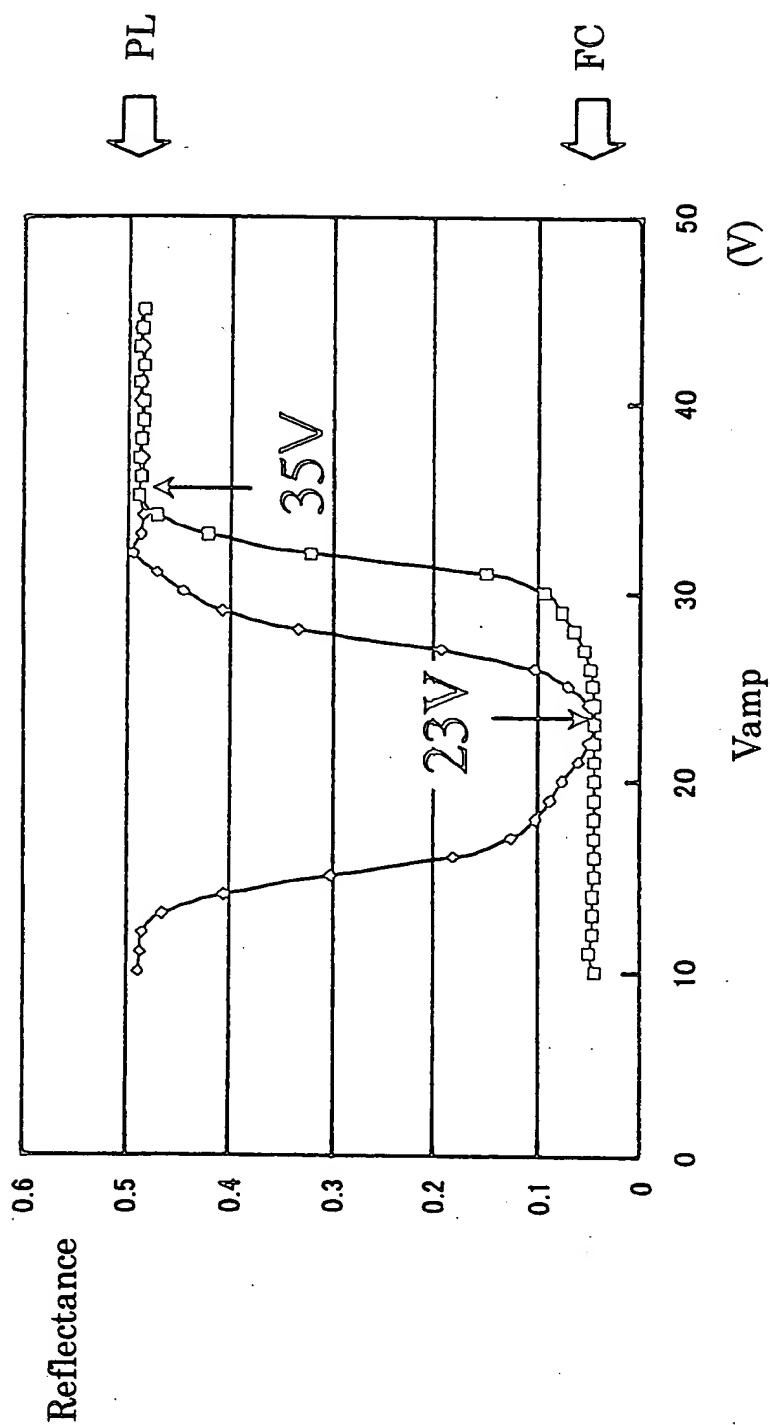


Fig. 6

T-pulse=6.6ms

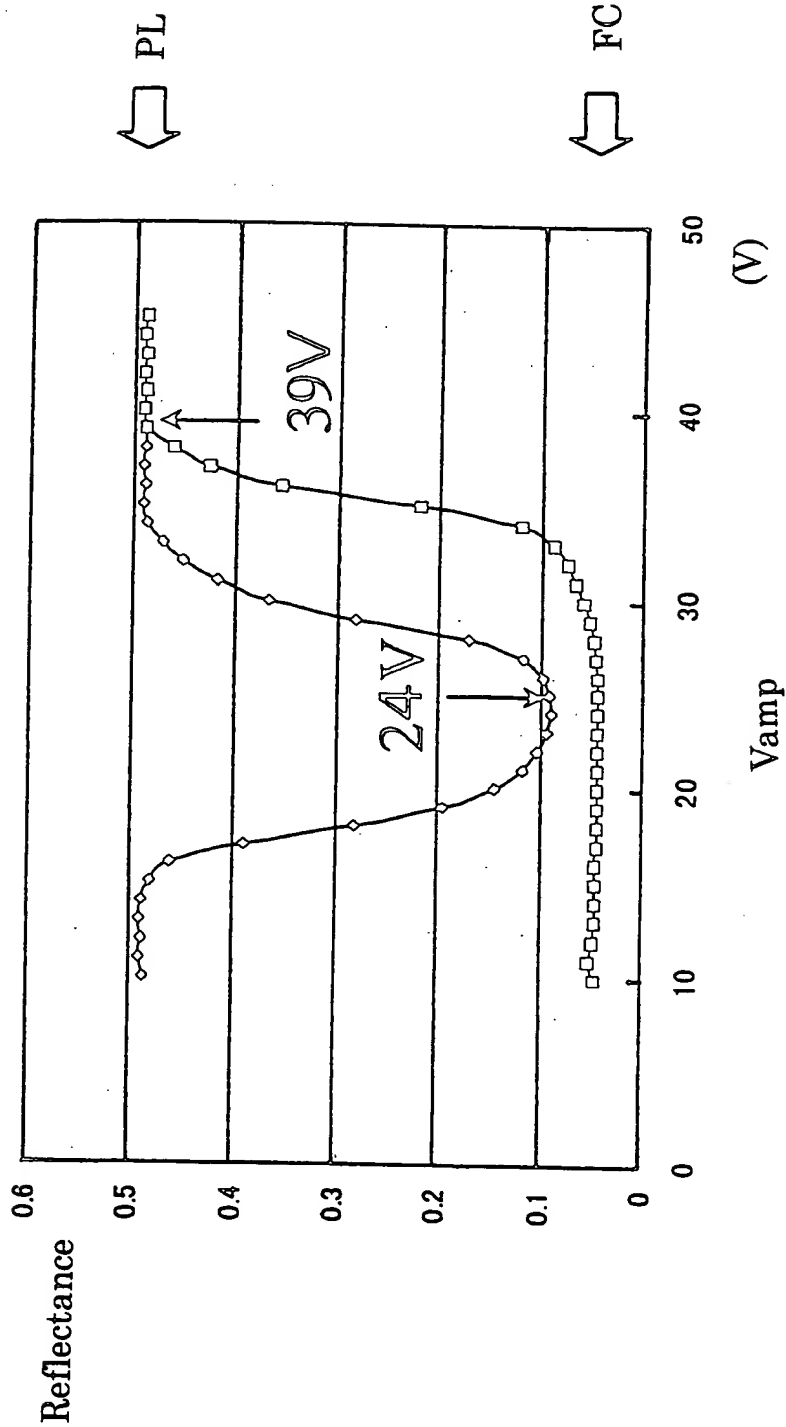


Fig. 7

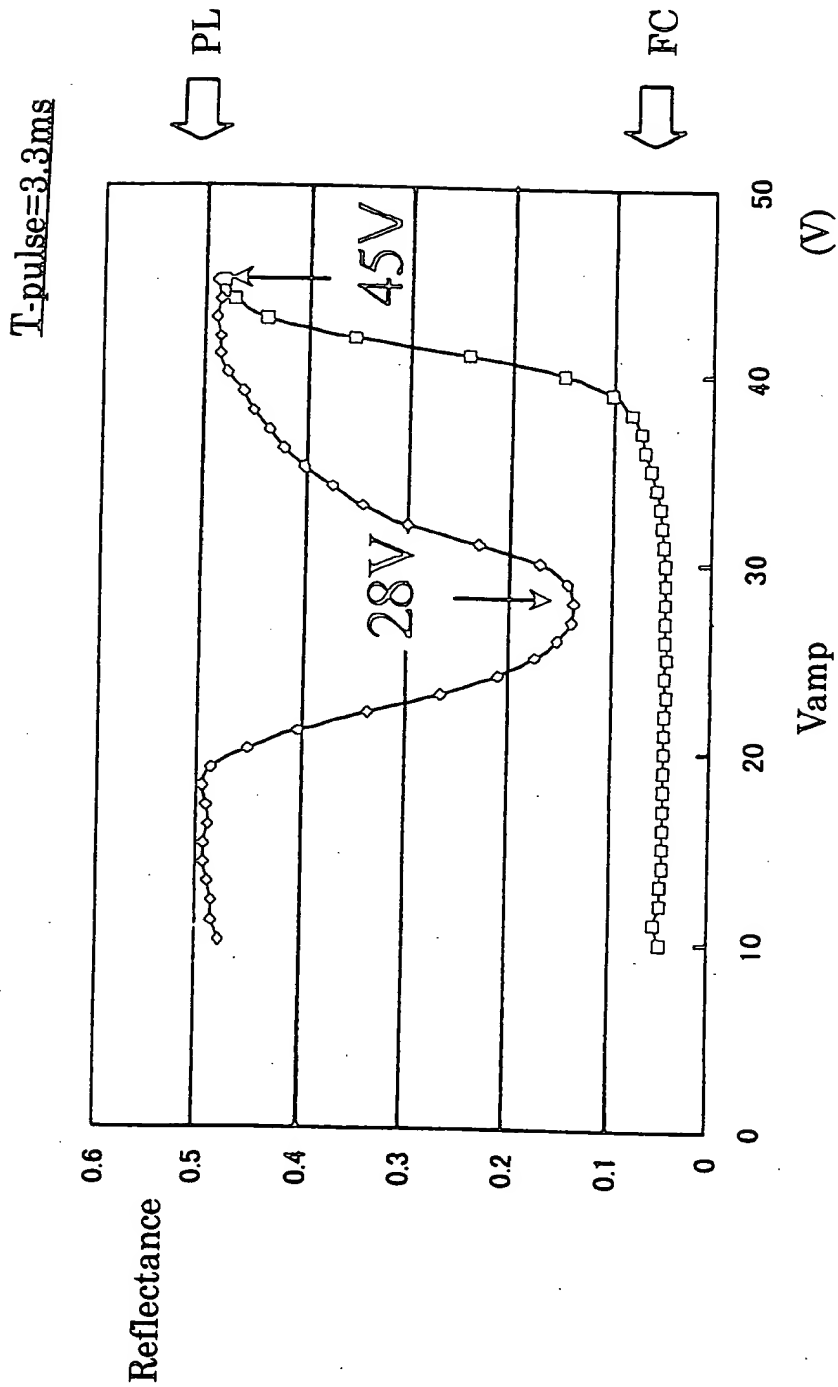


Fig. 8

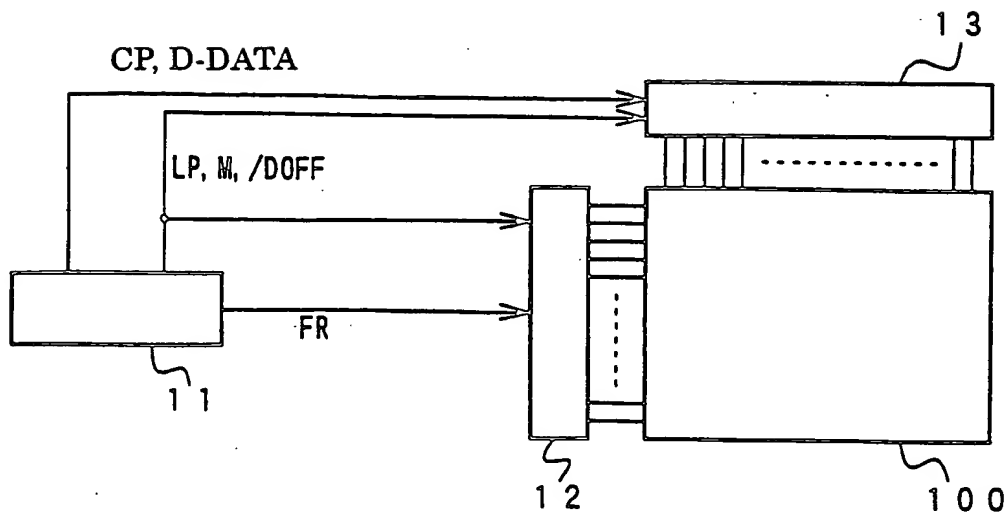
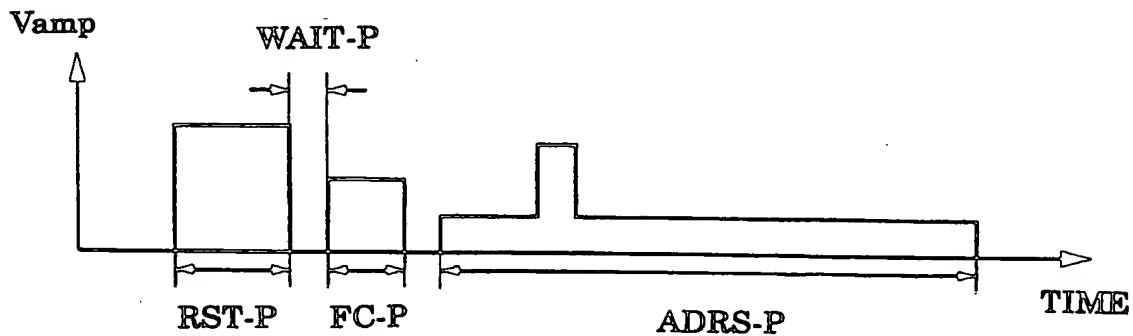
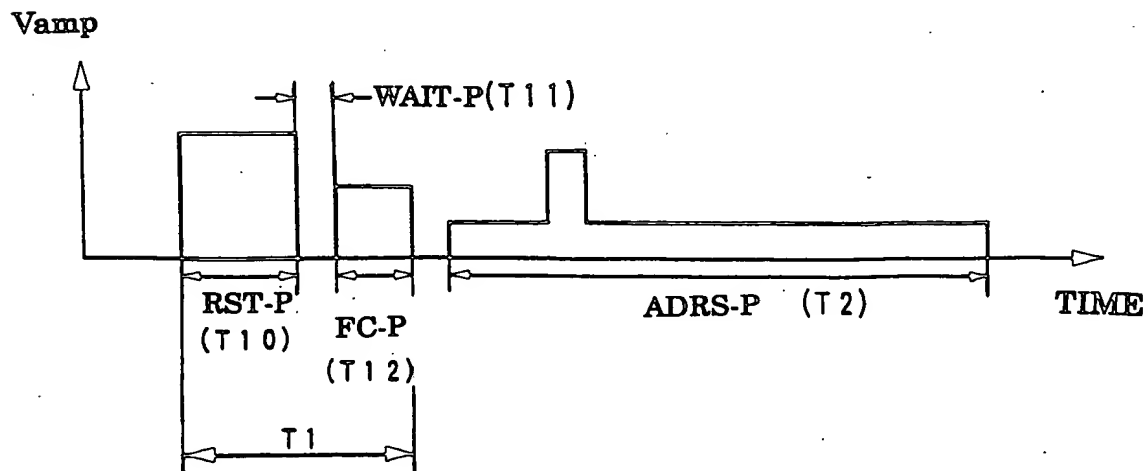


Fig. 9



(A)



(B)

Fig. 10

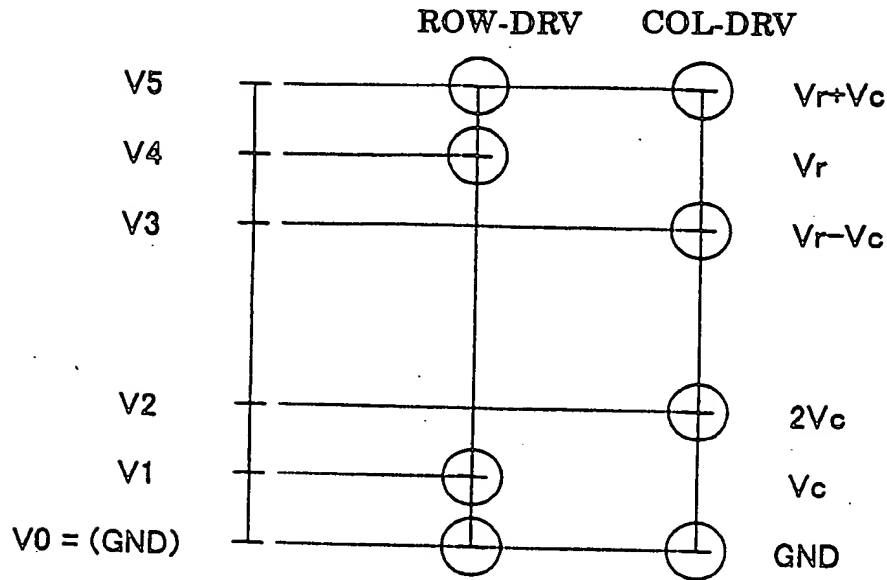


Fig. 11

ROW-DRV

/DOFF	M	SEL/NON-SEL	V-OUT
H	L	SEL	V5
H	H	SEL	V0
H	L	NON-SEL	V1
H	H	NON-SEL	V4
L	X	X	V0

COL-DRV

/DOFF	M	DATA	V-OUT
H	L	H	V0
H	H	H	V5
H	L	L	V2
H	H	L	V3
L	X	X	V0

Fig. 12

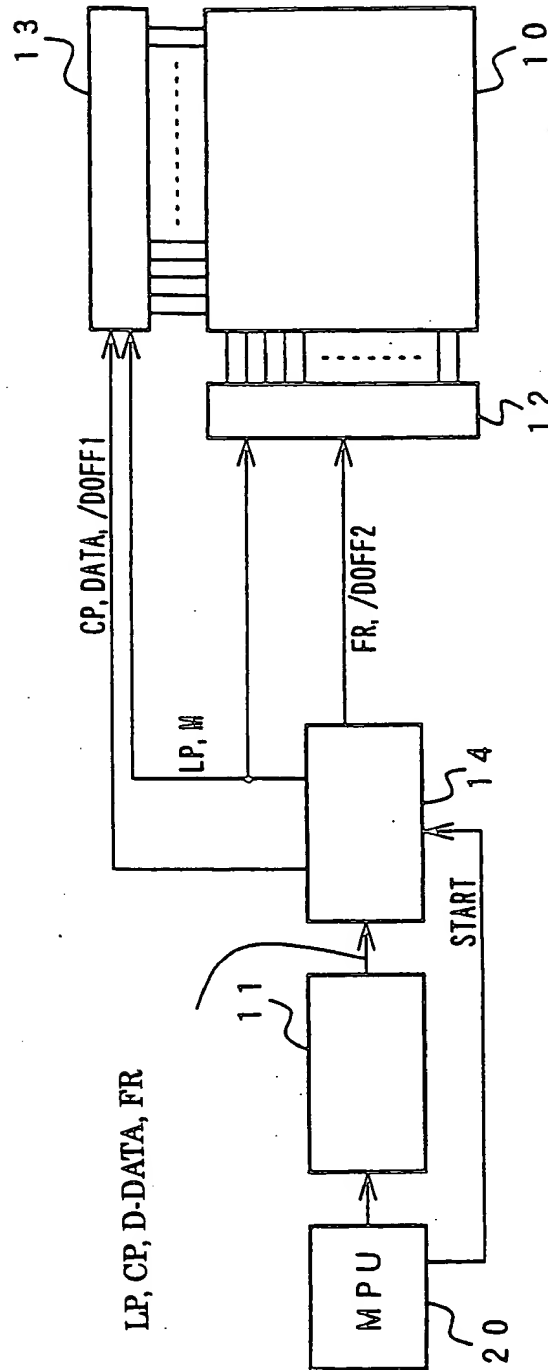
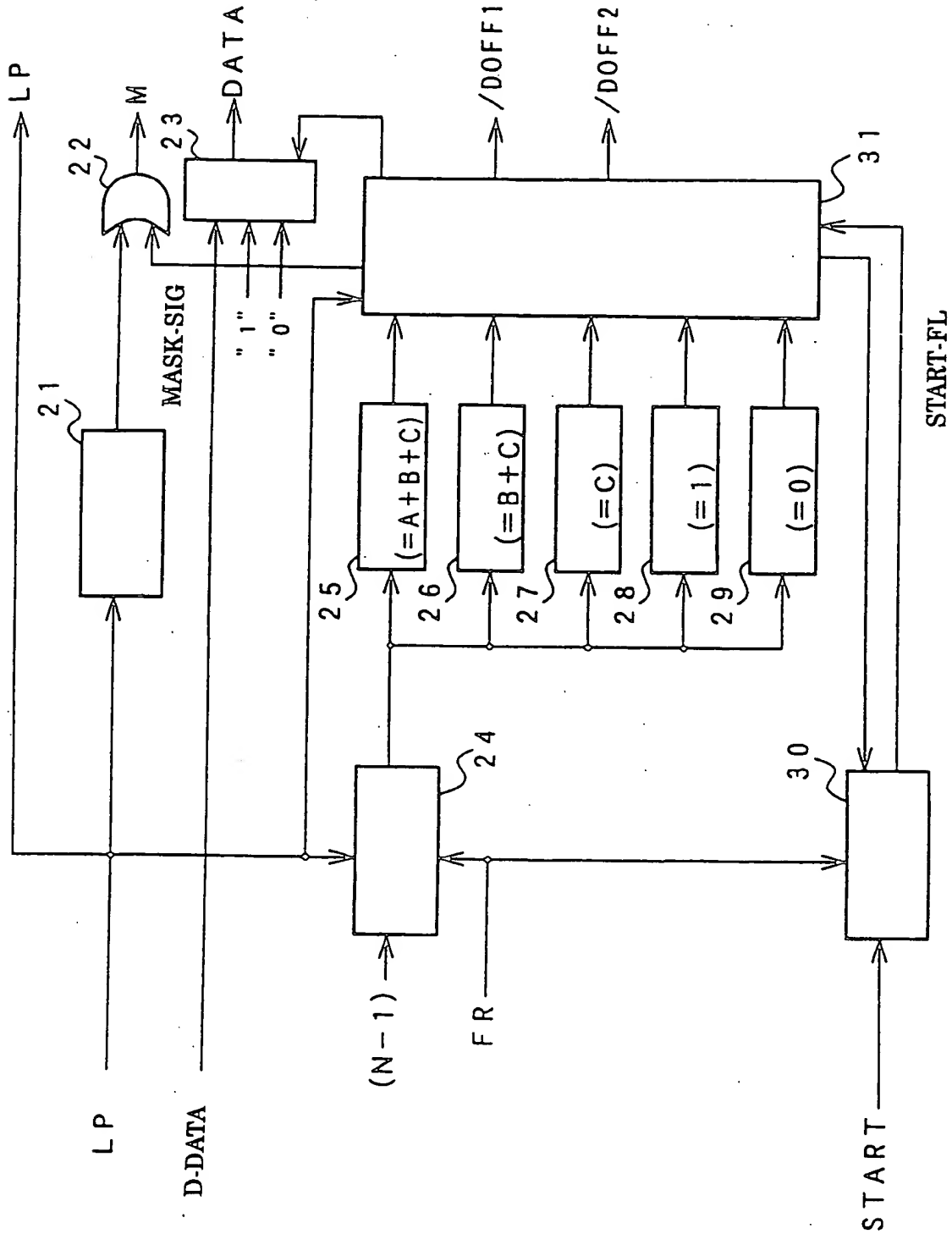


FIG. 12

Fig. 13



Case Study

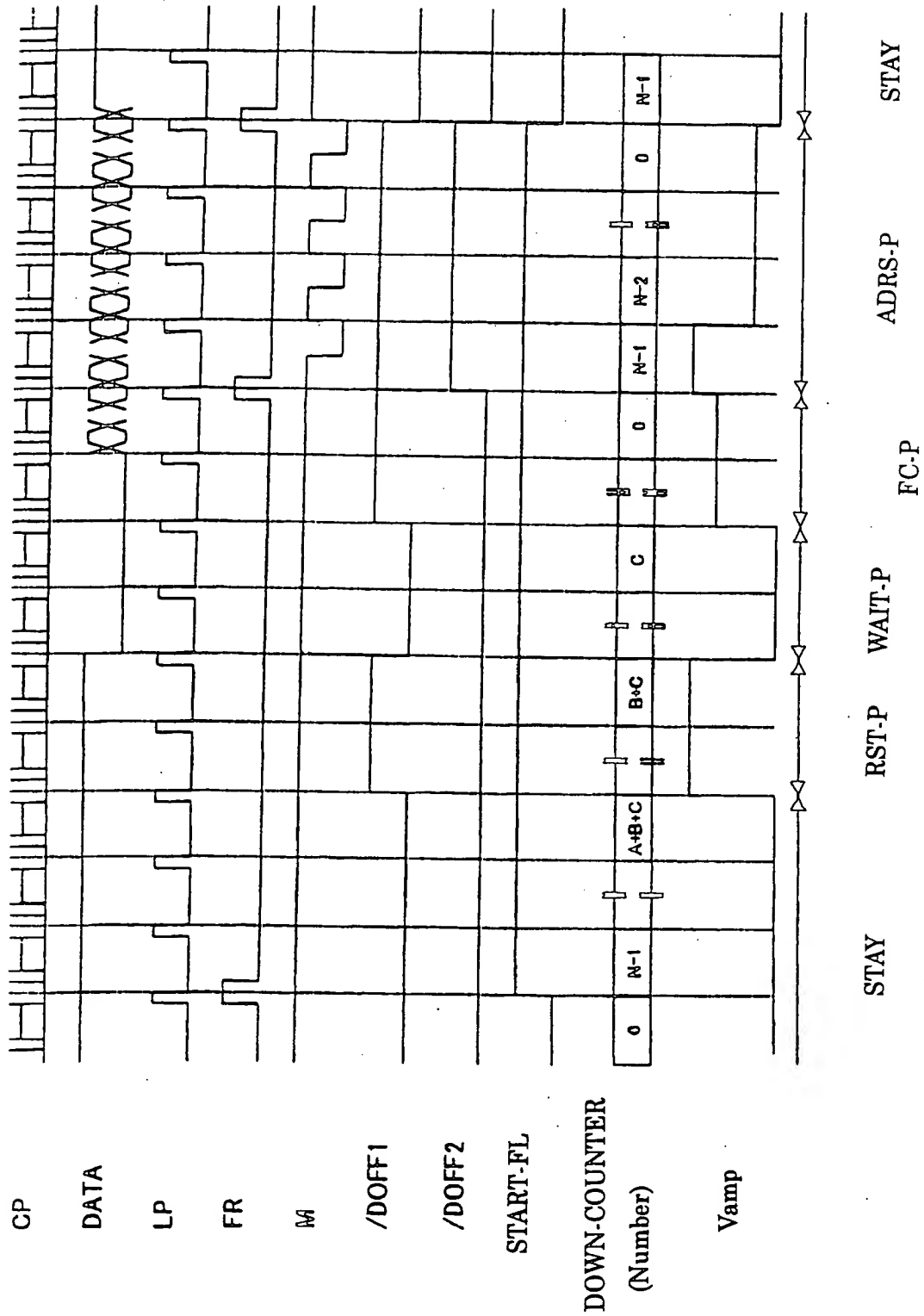


Fig. 15

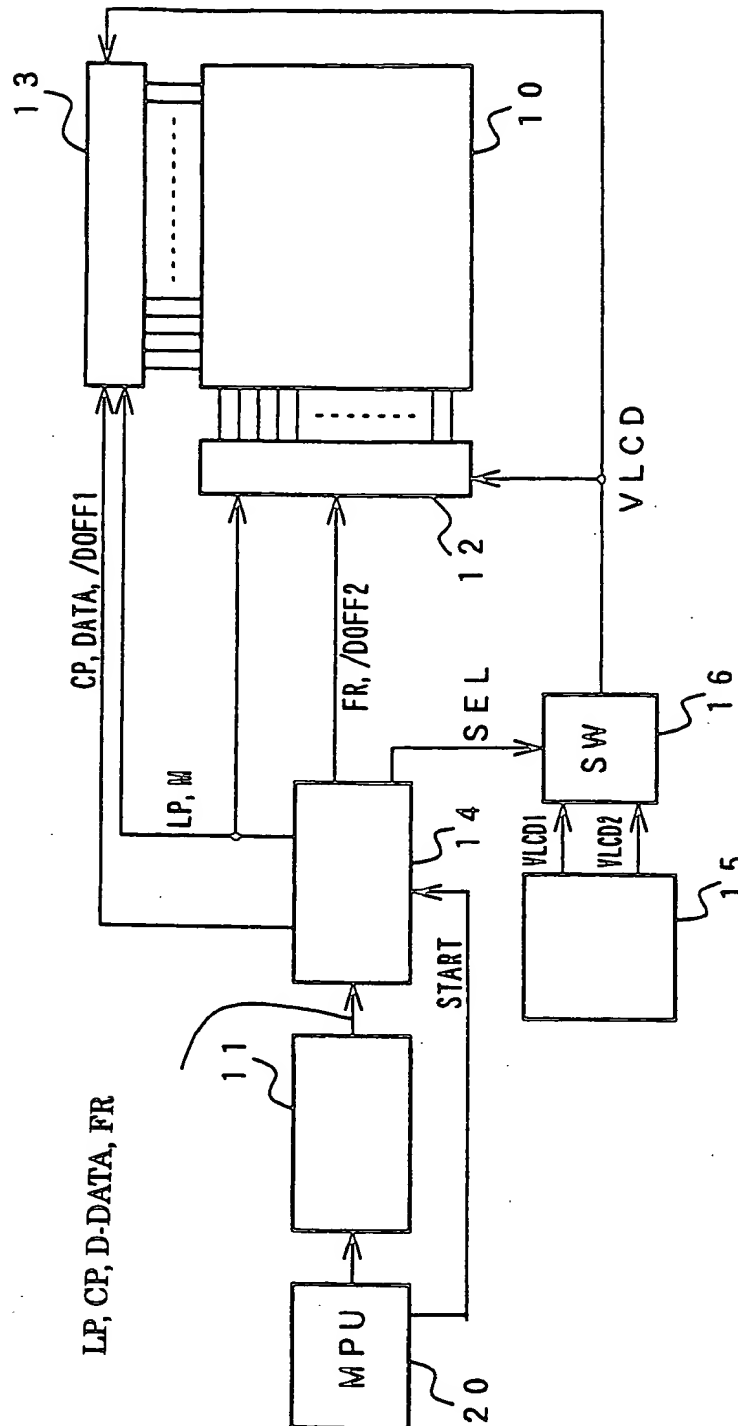
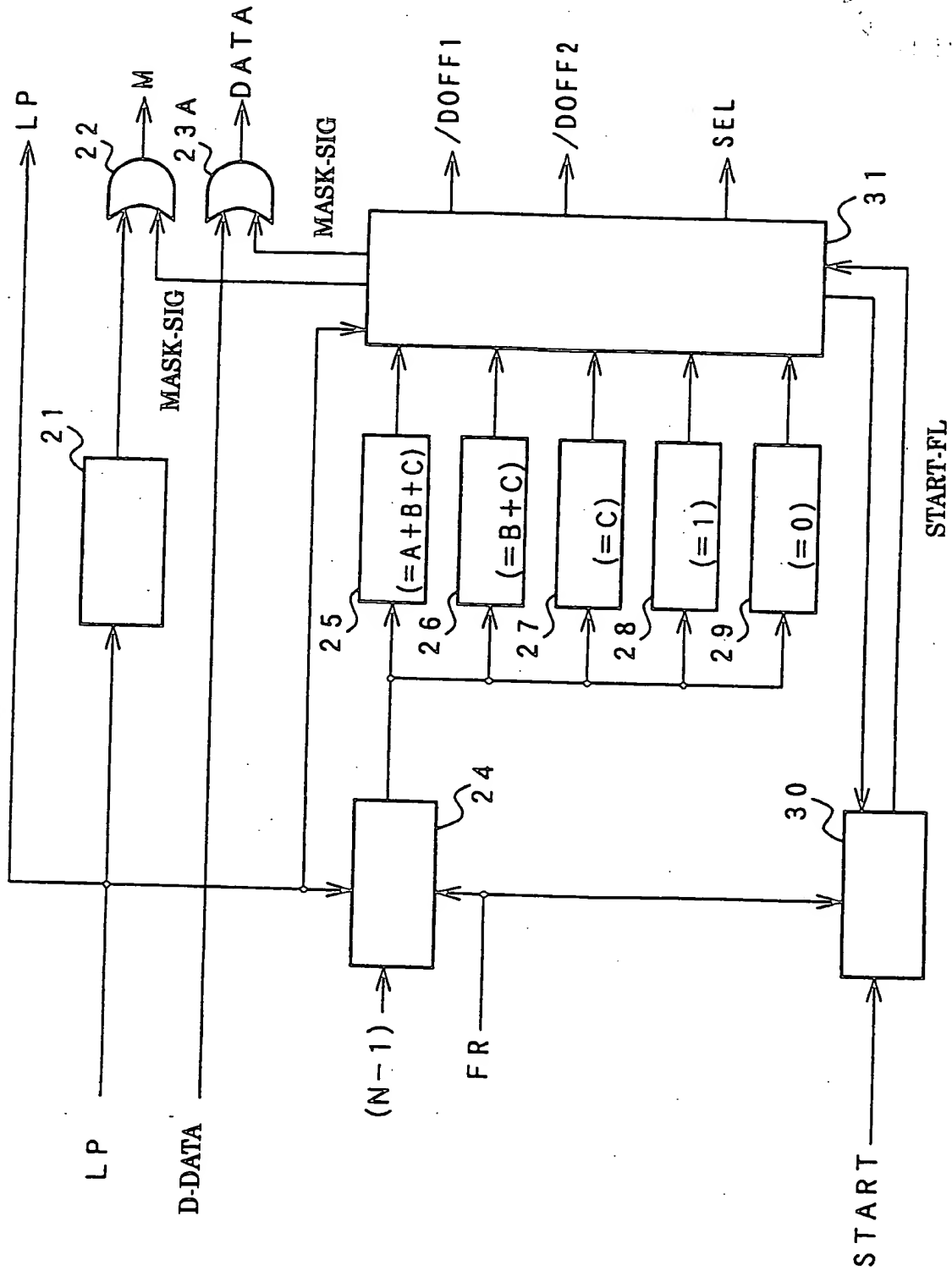


Fig. 16



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Fig. 17

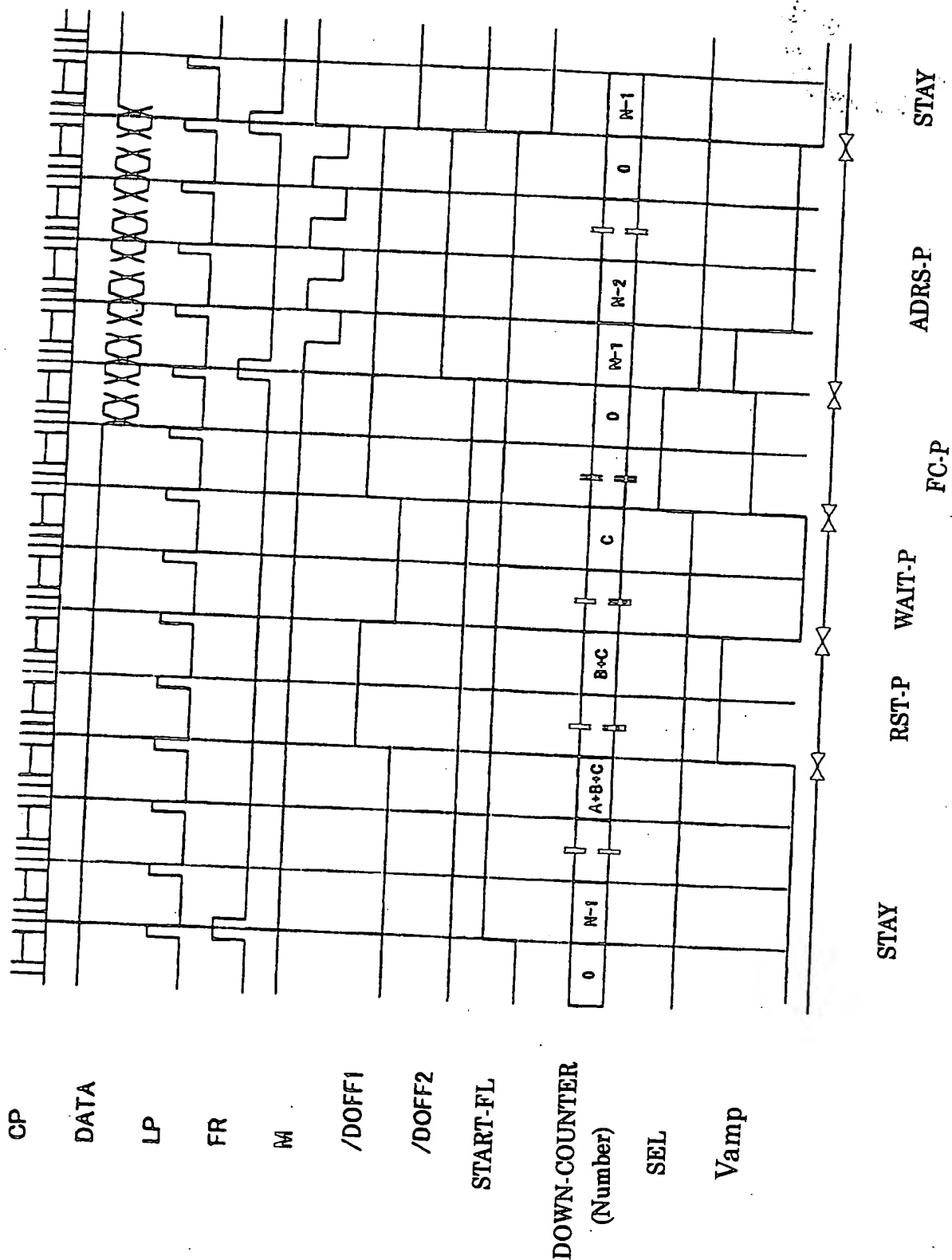




Fig. 19

Pulse width and times for establishing a FC state

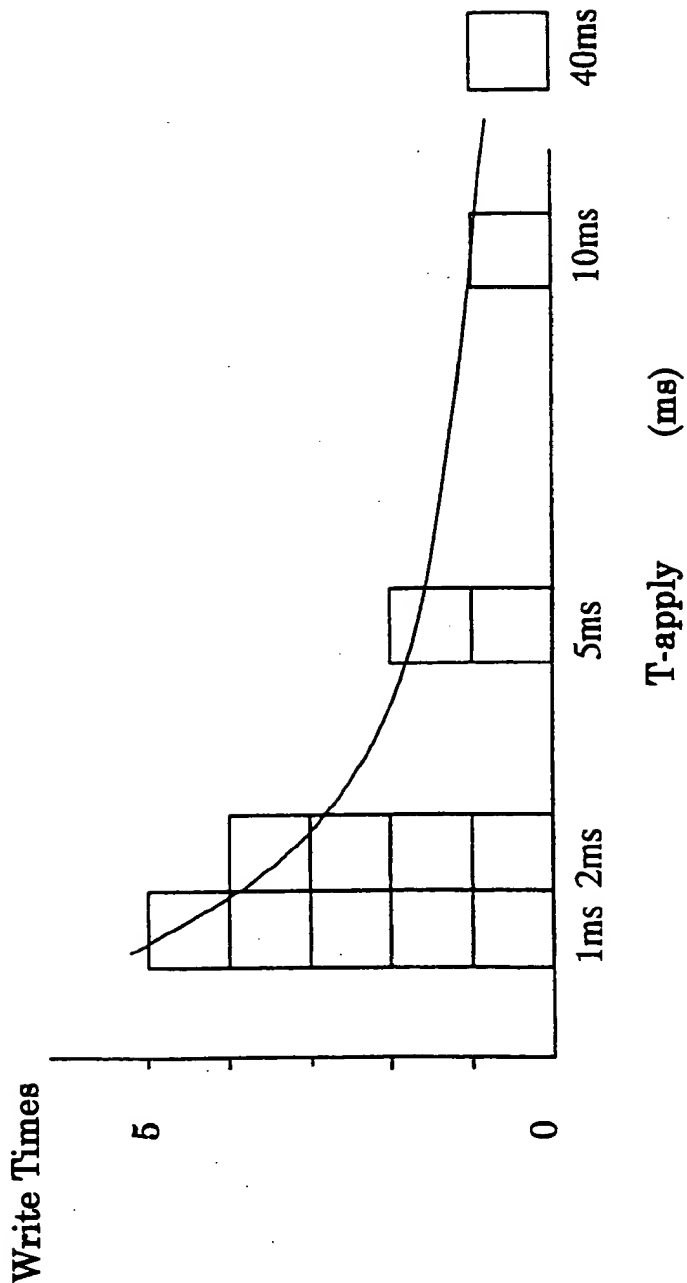


Fig. 20

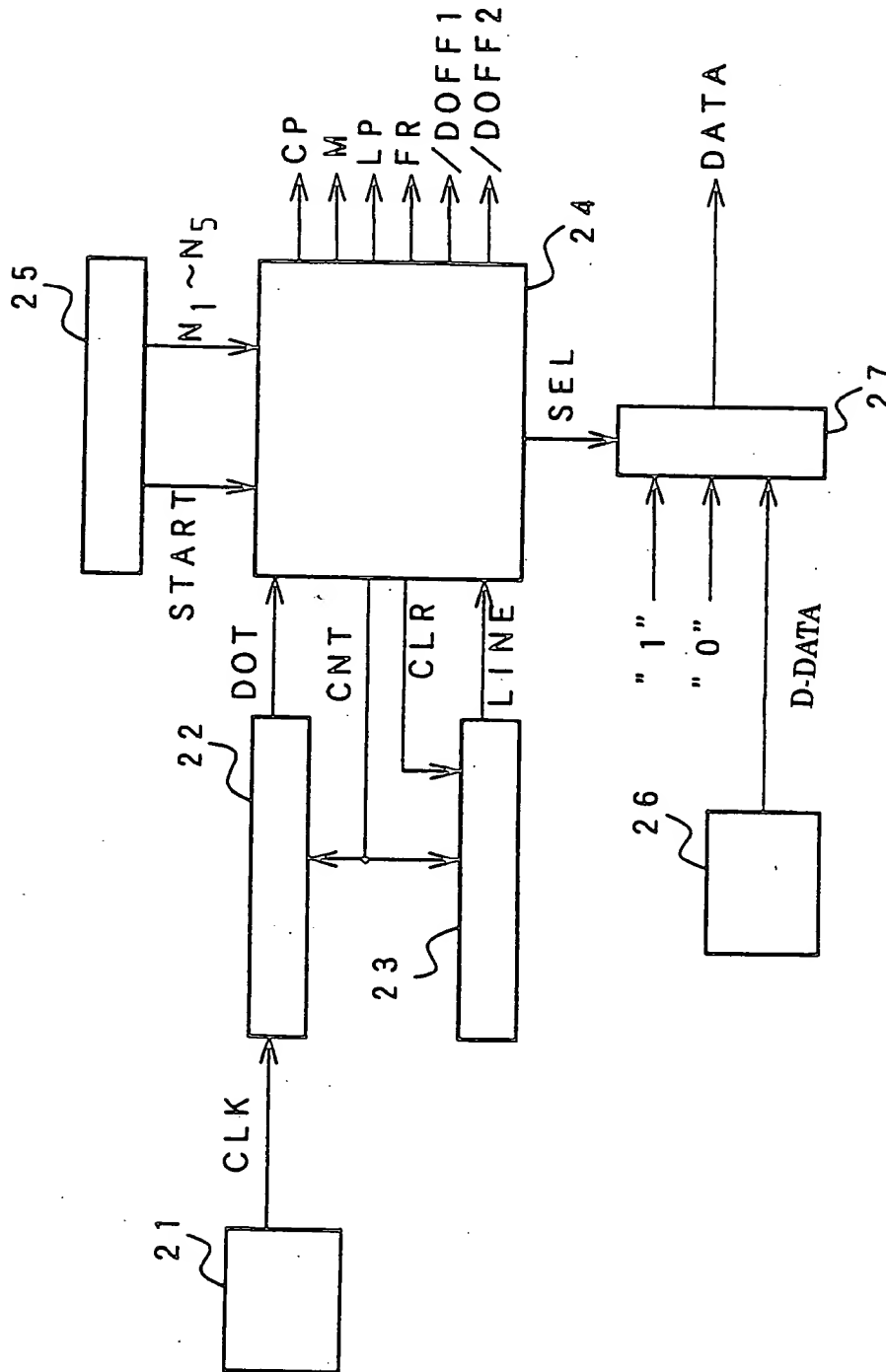
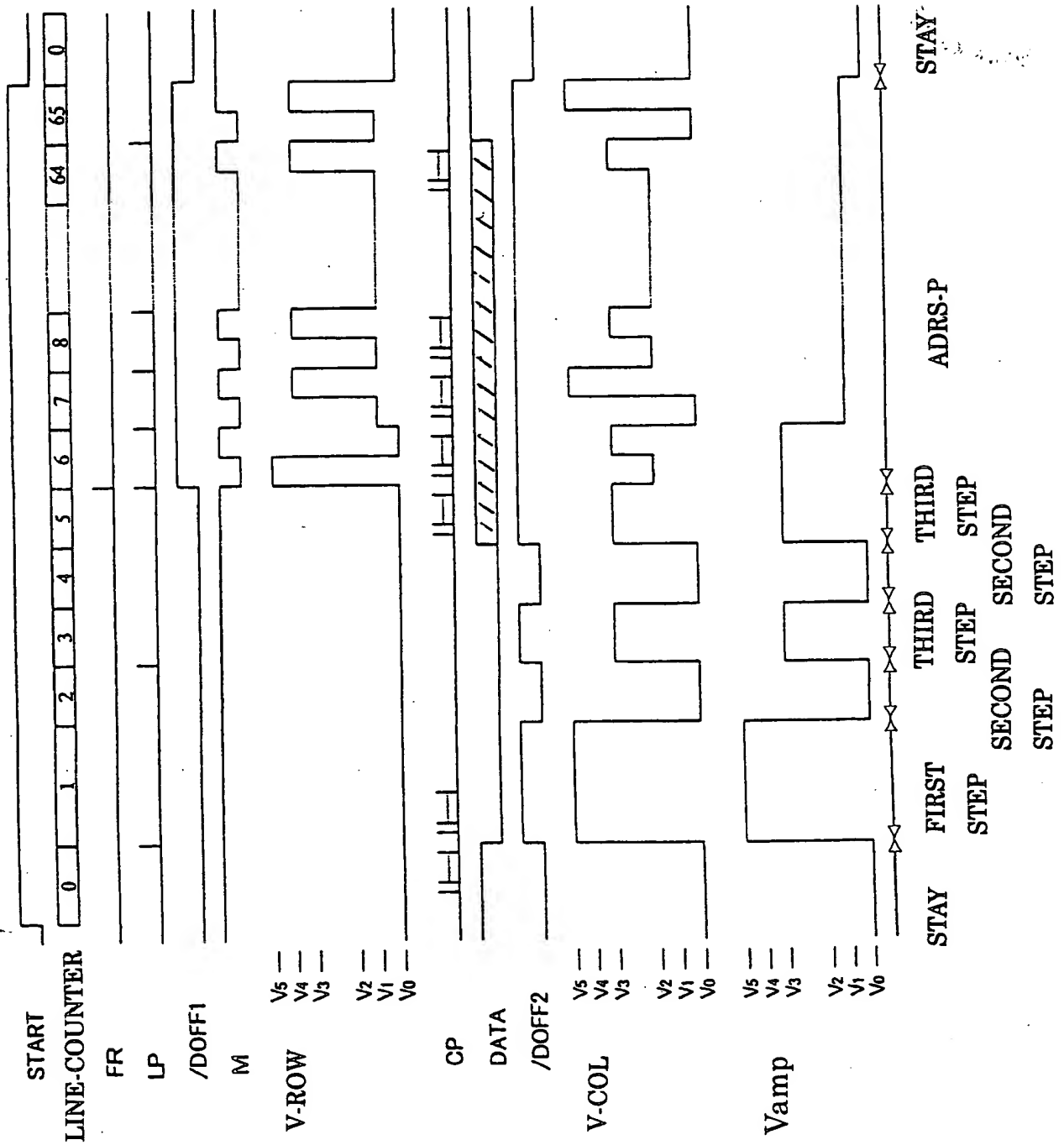


Fig. 21



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Fig. 22

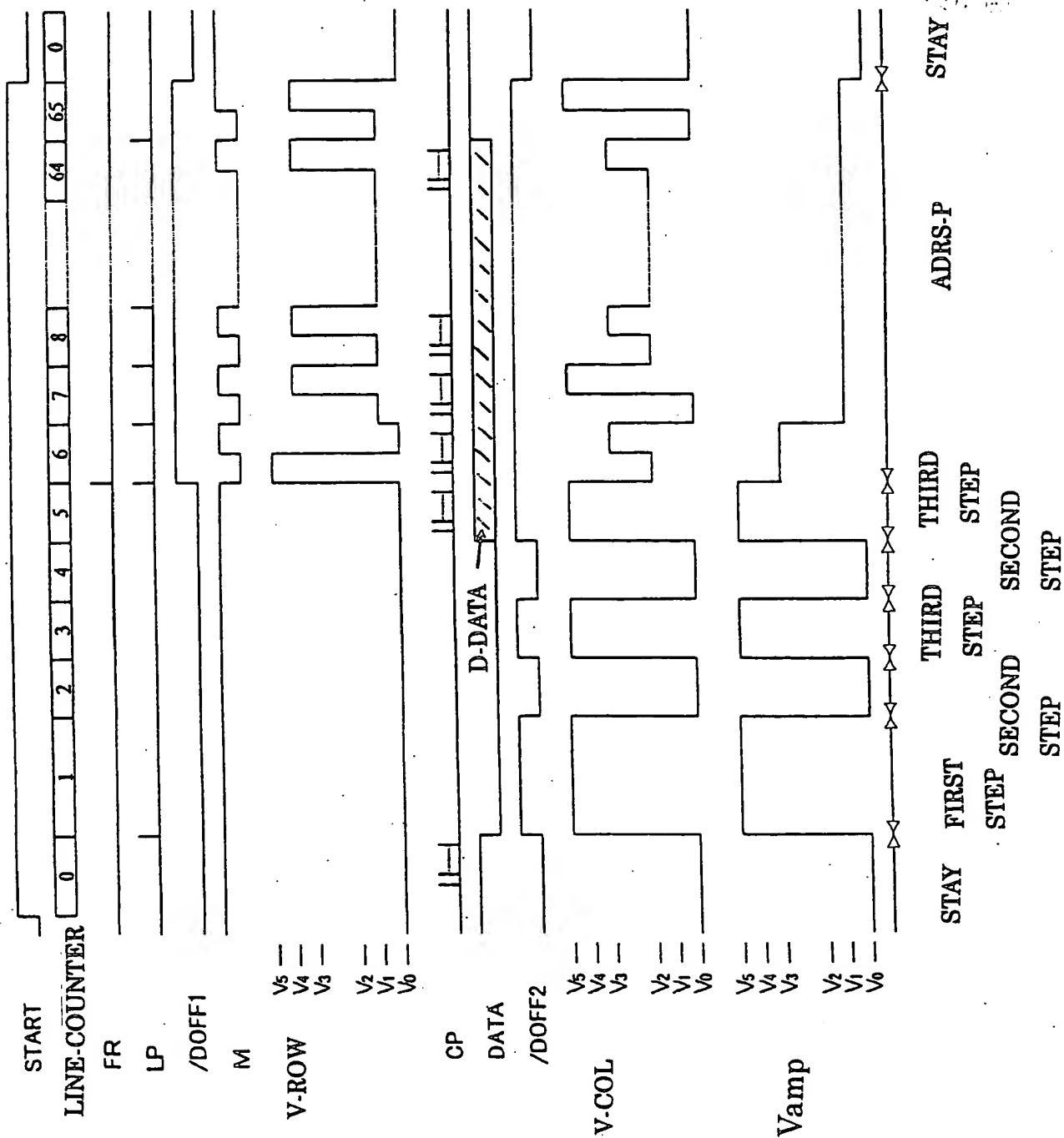


Fig. 23

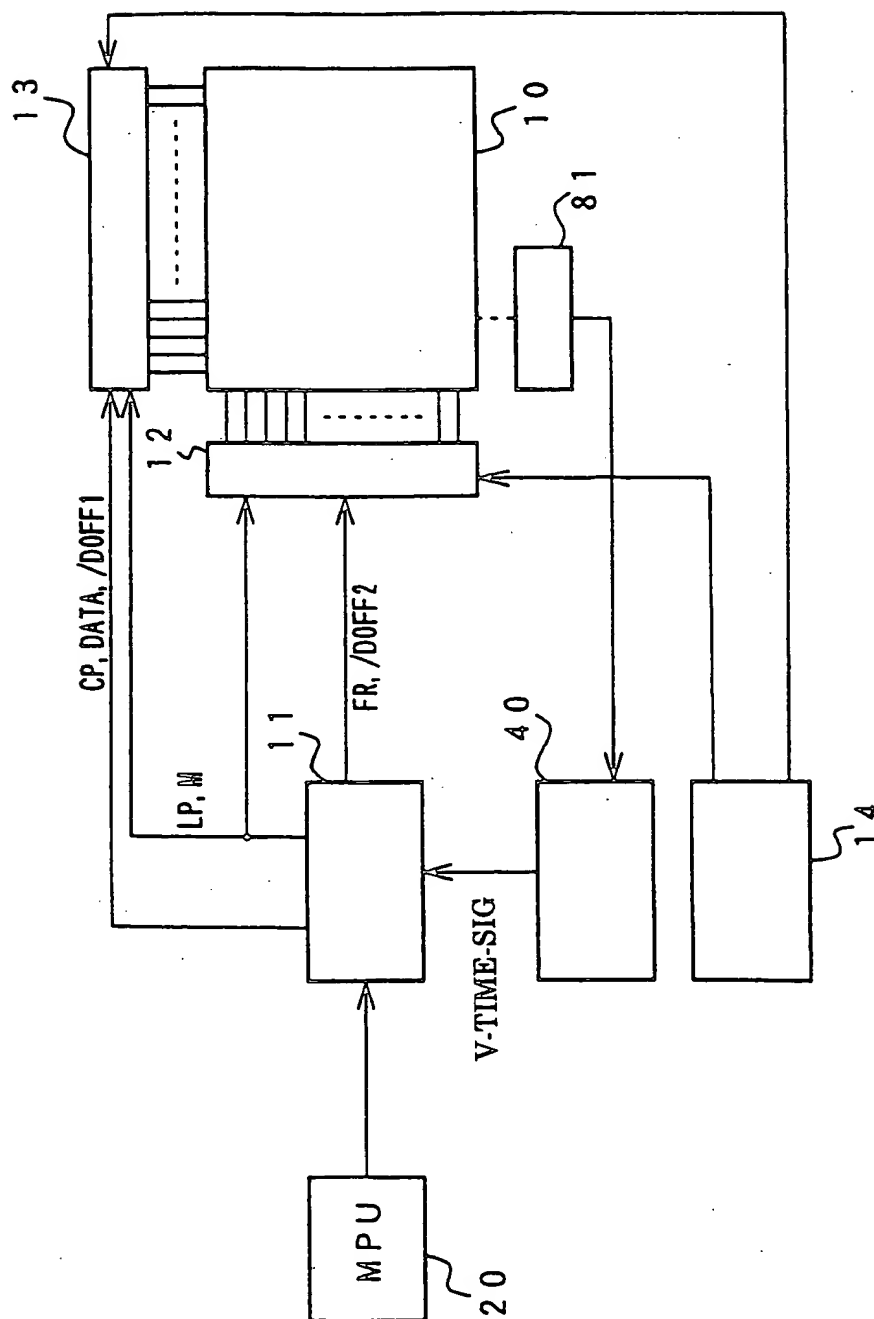


Fig. 24

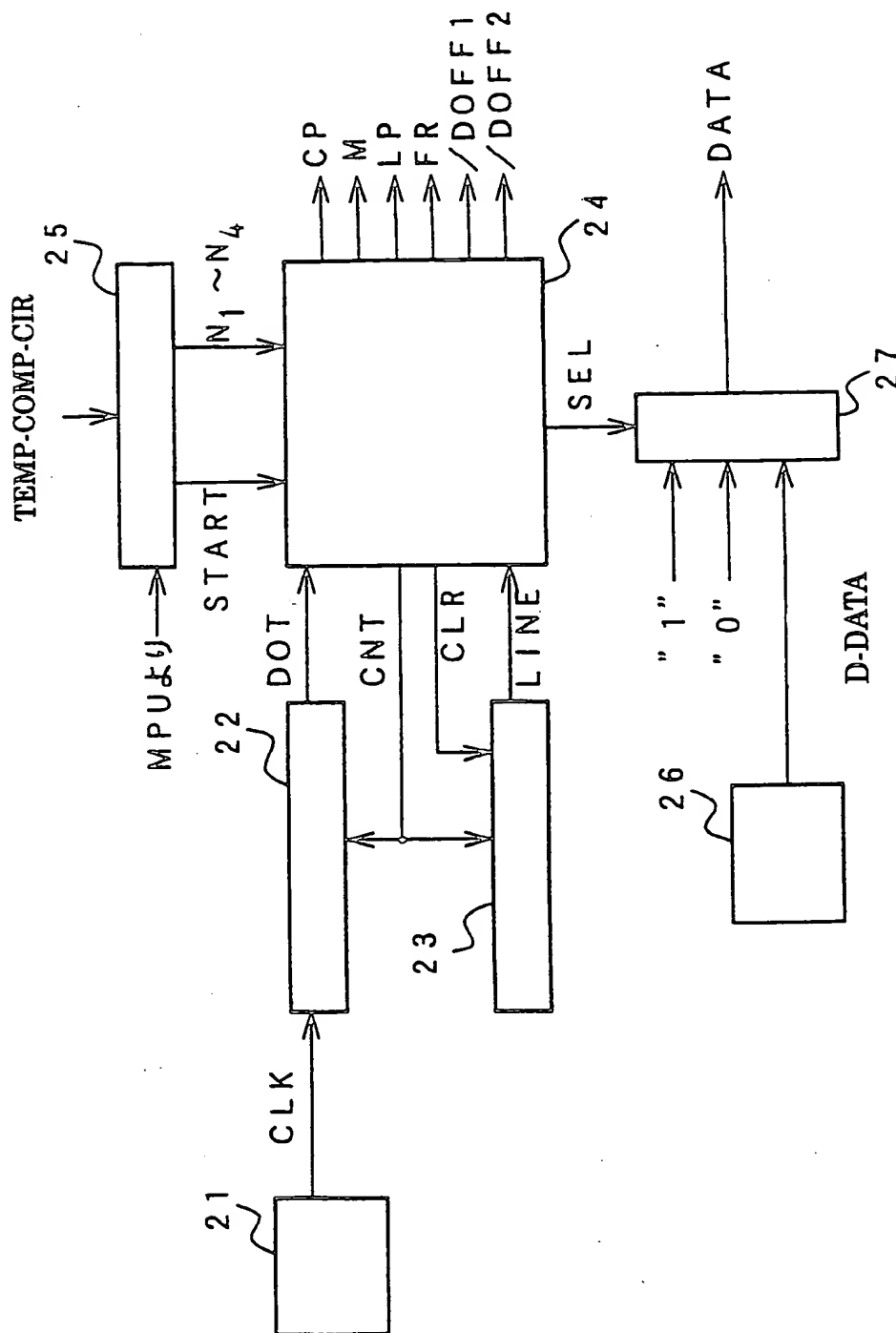


Fig. 25

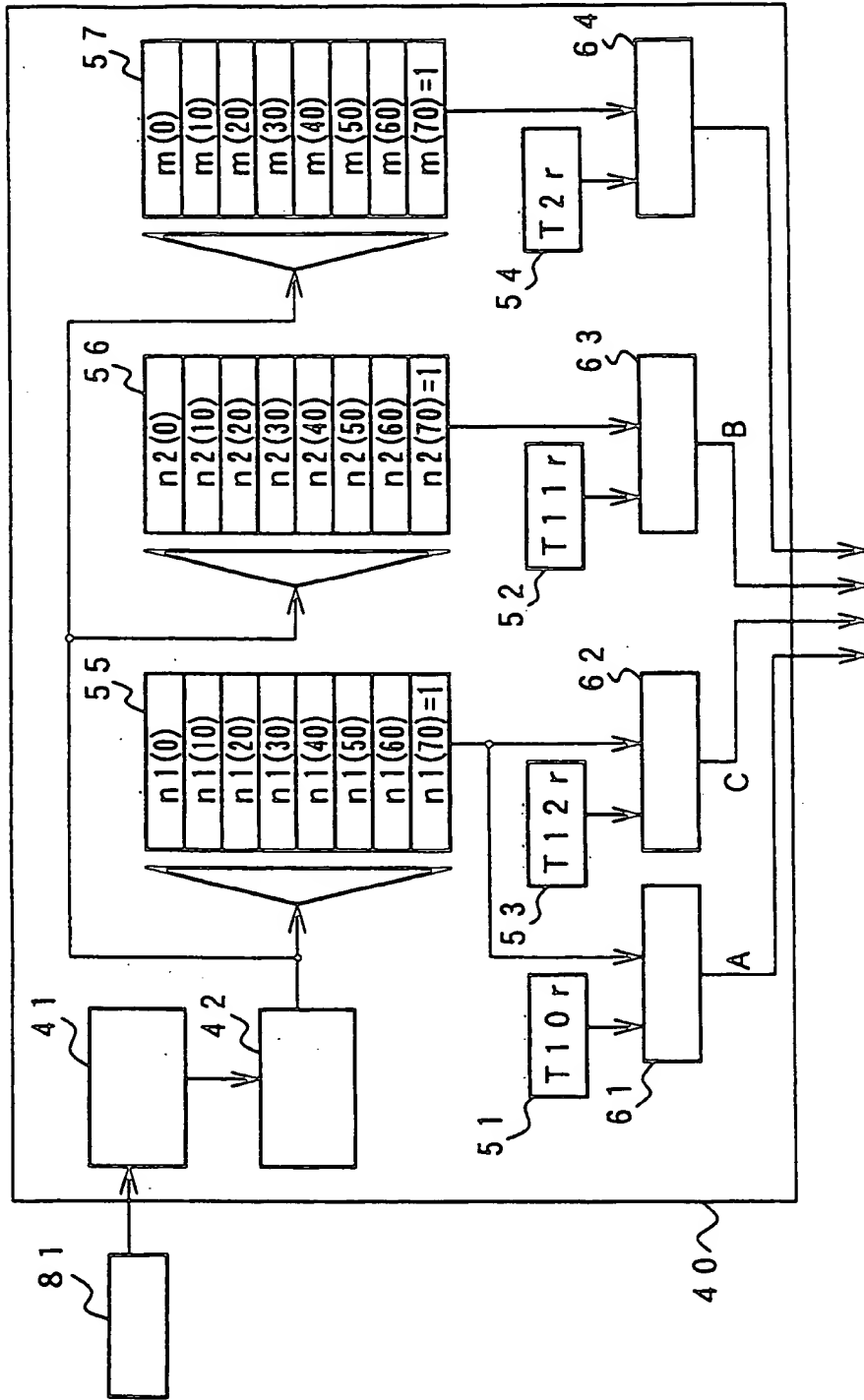
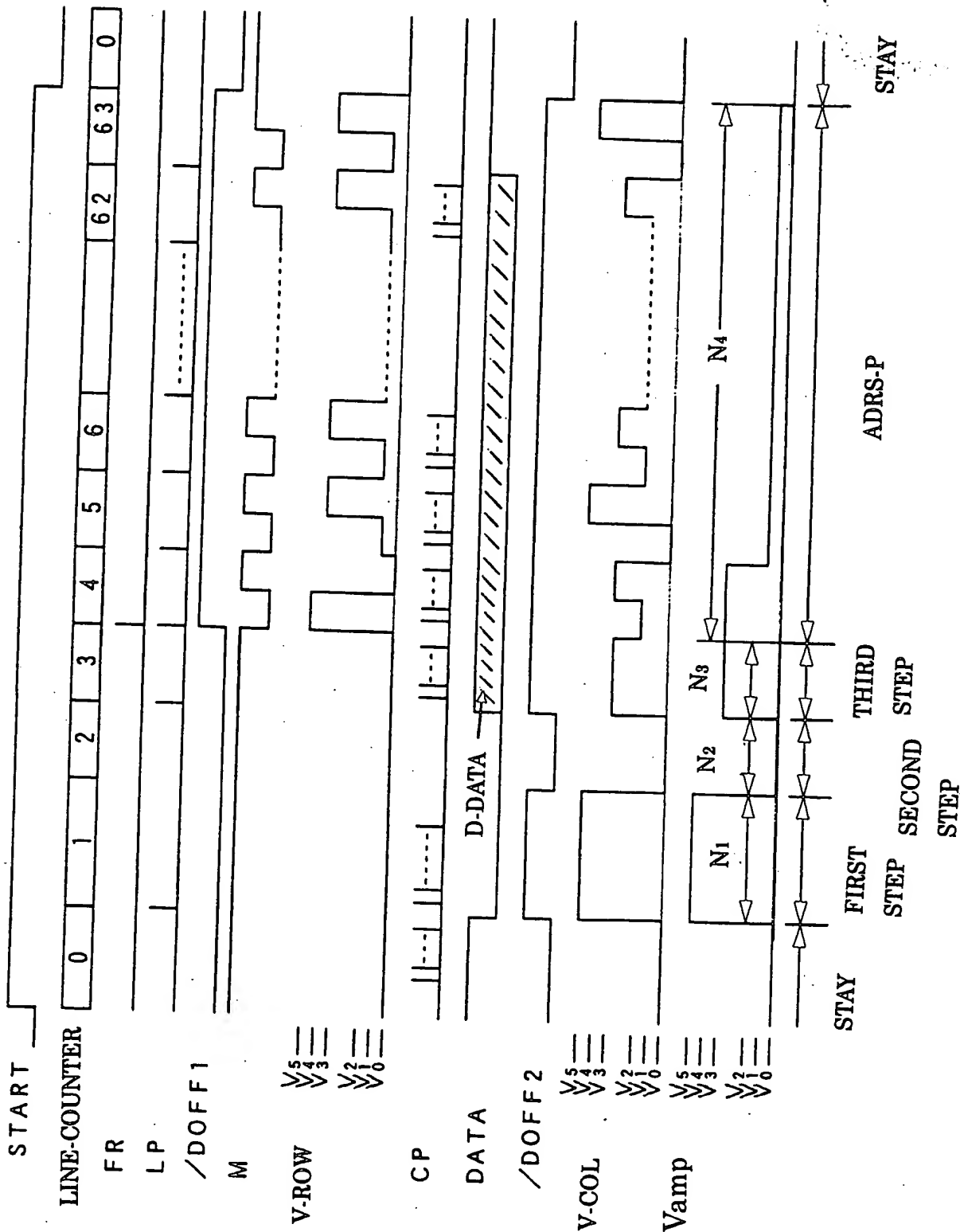
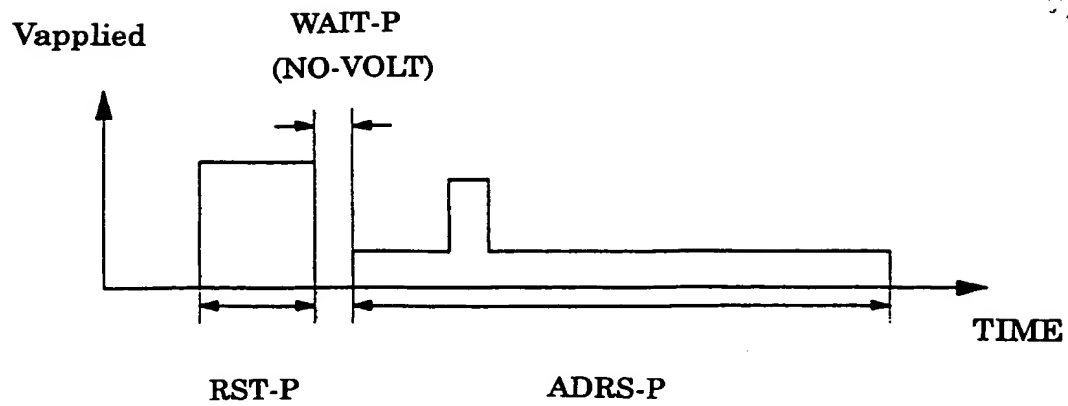


Fig. 26



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Fig. 28

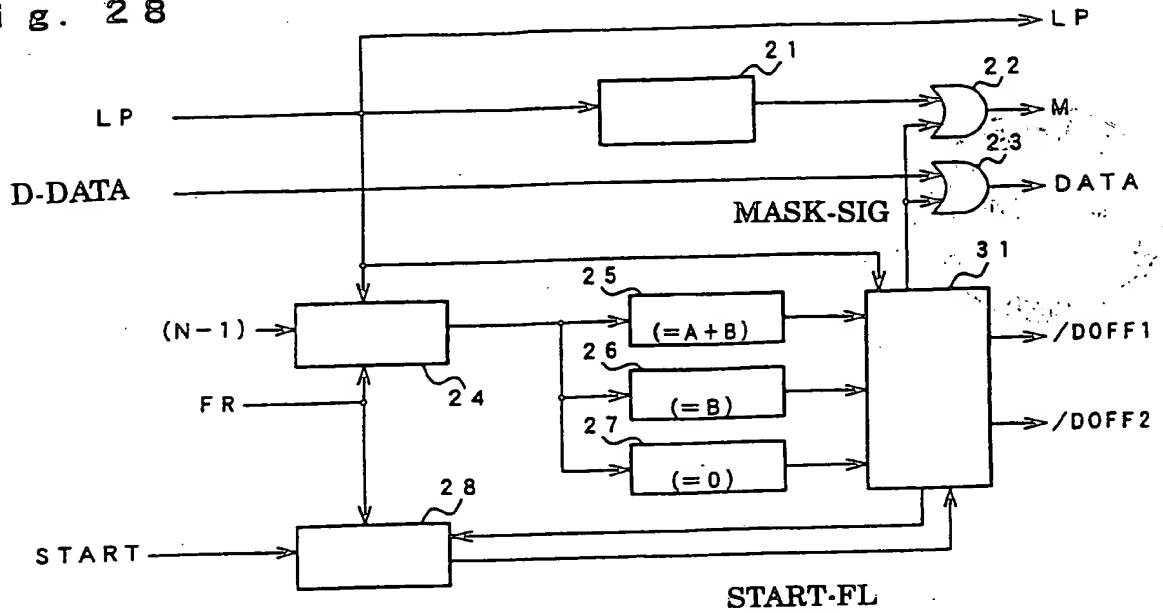


Fig. 29

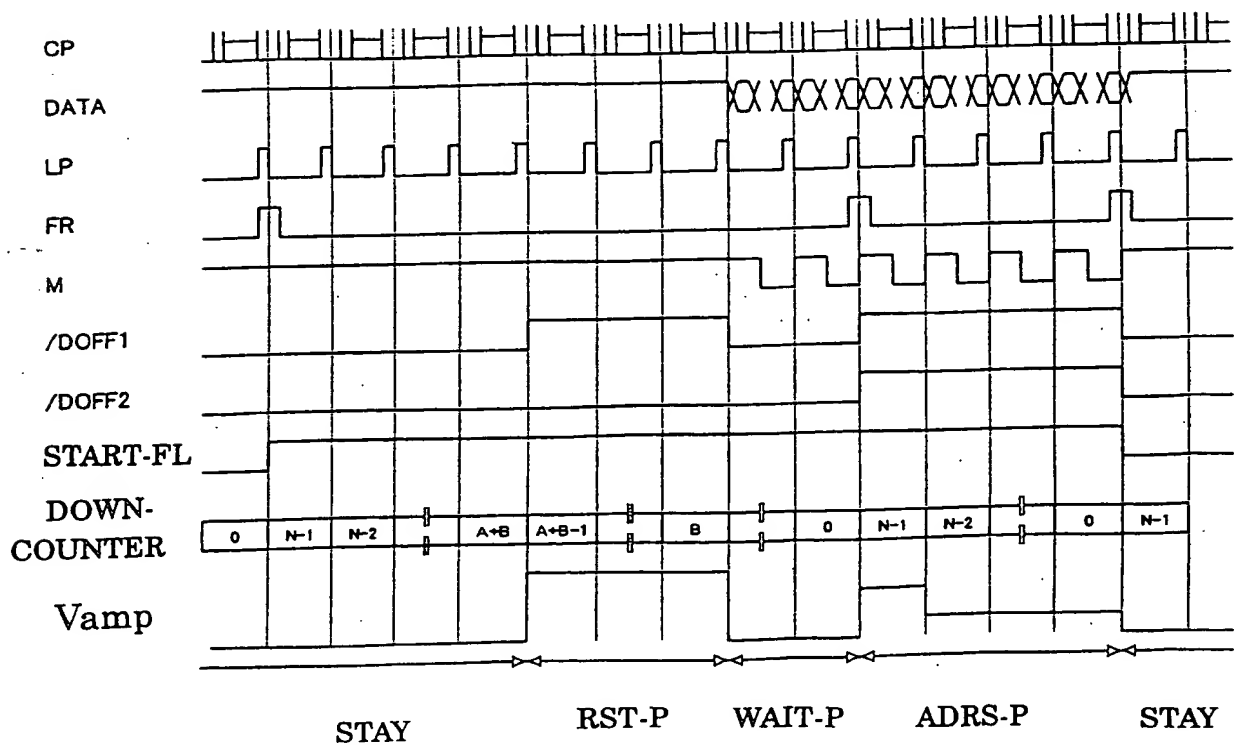


Fig. 30

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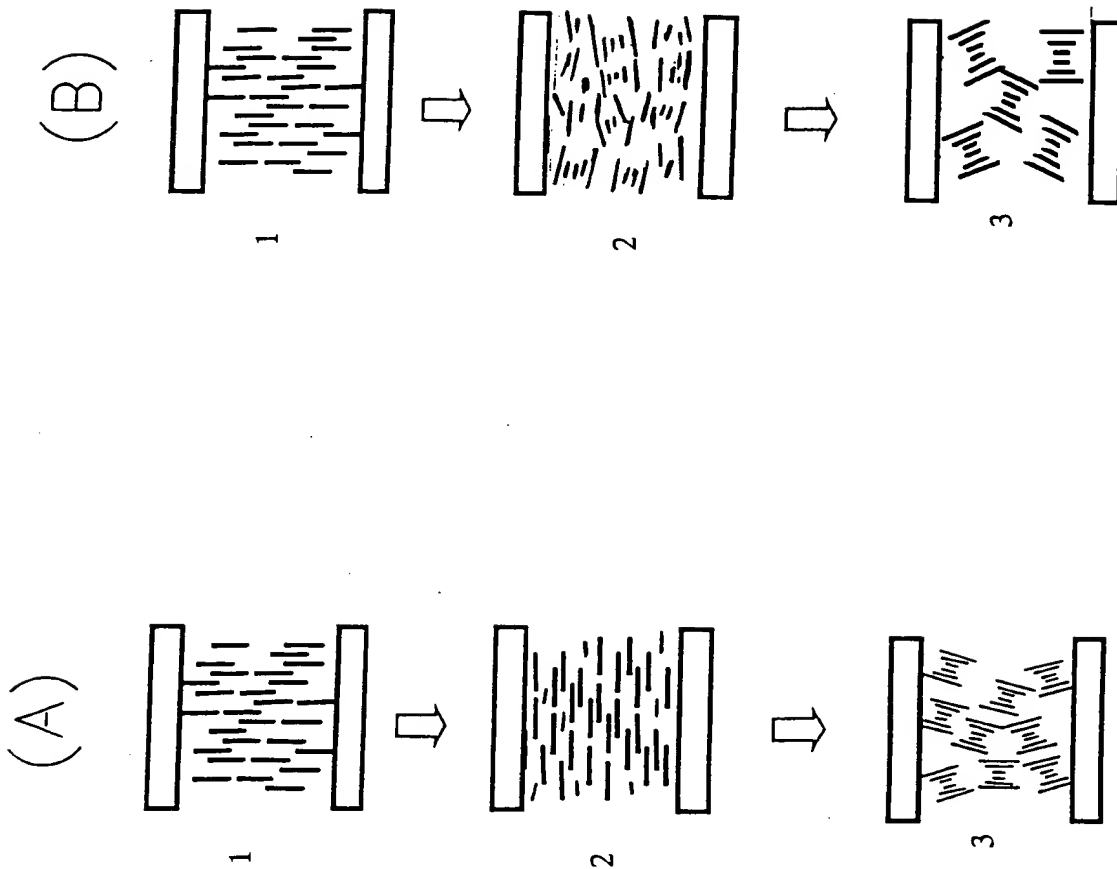
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